

FORM PTO-1390 (REV. 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				SPM-342-A	
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. PCT/DE00/03254		INTERNATIONAL FILING DATE September 15, 2000		PRIORITY DATE CLAIMED September 15, 1999	
TITLE OF INVENTION METHOD AND DEVICE FOR THE QUANTITATIVE GAS ANALYSIS					
APPLICANT(S) FOR DO/EO/US Udo Schmale and Holger Muller					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>					
Items 11 to 20 below concern document(s) or information included:					
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Verification of Translation 1 sheet of Drawing of Fig. 18 with English Translation</p>					

10088428-031502

U.S. APPLICATION NO. (if known) 37 CFR 1.51 <b>107088428</b>		INTERNATIONAL APPLICATION NO. <b>PCT/DE00/03254</b>		ATTORNEY'S DOCKET NUMBER <b>SPM-342-A</b>							
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1040.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$890.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$740.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>          <table style="margin: auto;"> <tr> <td style="width: 50px;">\$</td> <td style="width: 100px;">890</td> <td style="width: 50px;">00</td> </tr> </table>		\$	890	00			
\$	890	00									
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<table style="width: 100%;"> <tr> <td style="width: 50px;">\$</td> <td style="width: 100px;"></td> <td style="width: 50px;"></td> </tr> </table>		\$					
\$											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$							
Total claims	- 20 =	19	x \$18.00	\$ 342 00							
Independent claims	- 3 =		x \$84.00	\$							
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$ + \$280.00							
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1232 00							
<input checked="" type="checkbox"/> * Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<table style="width: 100%;"> <tr> <td style="width: 50px;">\$</td> <td style="width: 100px;">616</td> <td style="width: 50px;">00</td> </tr> </table>		\$	616	00			
\$	616	00									
<b>SUBTOTAL =</b>				\$ 616 00							
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<table style="width: 100%;"> <tr> <td style="width: 50px;">\$</td> <td style="width: 100px;"></td> <td style="width: 50px;"></td> </tr> </table>		\$					
\$											
<b>TOTAL NATIONAL FEE =</b>				\$ 616 00							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				<table style="width: 100%;"> <tr> <td style="width: 50px;">\$</td> <td style="width: 100px;"></td> <td style="width: 50px;"></td> </tr> </table>		\$					
\$											
<b>TOTAL FEES ENCLOSED =</b>				\$ 616 00							
				<table style="width: 100%;"> <tr> <td style="width: 50px;">Amount to be refunded:</td> <td style="width: 100px;">\$</td> <td style="width: 50px;"></td> </tr> <tr> <td>charged:</td> <td>\$</td> <td></td> </tr> </table>		Amount to be refunded:	\$		charged:	\$	
Amount to be refunded:	\$										
charged:	\$										

a. ☒ A check in the amount of \$ 616.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 25-0115 A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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*Darlene P. Condra*  
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37,113  
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10/088428

913 Rec'd PCT/PTO 15 MAR 2002

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March 15, 2002

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Attorney's Docket: SPM-342-A  
 Box PATENT APPLICATION  
 Assistant Commissioner of Patents  
 Washington, D.C. 20231

EL752337194US

Sir,

Enclosed please find an application for U.S. Patent as identified below.

Inventors: Holger Muller and Udo Schmale


Invention: METHOD AND DEVICE FOR THE QUANTITATIVE GAS ANALYSIS

and including: Postcard; Transmittal Letter PTO Form 1390; English language translation of International application including specification, abstract, claims, and Figure 18; Verification of Translation; a Preliminary Amendment; and a true copy of the signed Combined Declaration and Power of Attorney.

Filing Fee: \$ 616.00

Please charge any deficiency or credit any excess in the enclosed fees to Deposit Account No. 25-0115.

[ X ] Applicant(s), and the Assignee (if applicable), hereby assert a claim to small entity status under 37 CFR 1.9 et. seq.



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